

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1840303	transmit\$4 and receiv\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/10 14:26
L2	1590942	(Distance or range) same (angle or angular or azimuthal or direction or directional)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/10 14:26
L3	1185797	(close or short or "near") same (range or distance)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/10 14:26
L4	818269	(time or phase) same difference	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/10 14:26
L5	13797	correlate\$4 same complex	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/10 14:26
L6	684	L2 and L3 and L4 and L5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/10 14:26
L7	466	1 and L6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/10 14:31

## EAST Search History

L8	95506	radar	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/10 14:31
L9	67	7 and 8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/10 14:31
L11	4	((STEFAN) near2 (LINDENMEIER)). INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/10 14:39
L12	8	((STEFAN) near2 (LINDENMEIER)). INV.	EPO; JPO; DERWENT	OR	ON	2007/02/10 14:40
L13	13	((JOHANN-FRIEDRICH) near2 (LUY)). INV.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/10 14:41
L14	27	((JOHANN-FRIEDRICH) near2 (LUY)). INV.	EPO; JPO; DERWENT	OR	ON	2007/02/10 14:42
L15	17	("3786509"   "4045797"   "4276549"   "4296415"   "4887088"   "4901083"   "4970519"   "5252981"   "5274380"   "5359331").PN. OR ("2003/0189512"   "2006/0082494"   "2006/0114146"   "5757308"   "6750804").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/02/10 14:45
L16	3161	((342/70-72) or (342/125-128) or (342/133) or (342/139) or (342/146)). CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/10 15:12
L17	1745	16 and @ad<="20031202"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/10 15:12

## EAST Search History

L26	192	(WO-9404941-\$ or EP-582372-\$ or EP-555586-\$ or WO-9218876-\$ or WO-9209904-\$ or EP-474440-\$ or GB-2246255-\$ or DE-3840347-\$ or EP-341890-\$ or DE-3833636-\$ or EP-336027-\$ or GB-2214025-\$ or EP-323688-\$ or GB-2210227-\$ or EP-310172-\$ or EP-306654-\$ or DE-3809859-\$ or DE-3717050-\$ or EP-291337-\$ or EP-257977-\$ or DE-3527918-\$ or FR-2581765-\$ or DE-3430453-\$ or DE-3428465-\$ or FR-2561786-\$ or GB-2155721-\$).did. or (DE-3324693-\$ or GB-2139035-\$ or GB-2137449-\$ or GB-2129643-\$ or DE-3337135-\$ or DE-3239501-\$ or EP-98160-\$ or GB-2099256-\$ or GB-2073533-\$ or EP-34125-\$ or GB-2038132-\$).did. or (JP-05264726-\$ or JP-05264723-\$ or JP-05256941-\$ or JP-05256940-\$ or JP-05240947-\$ or JP-05240945-\$ or JP-05223914-\$ or JP-05164844-\$ or JP-05100025-\$ or JP-05052945-\$ or JP-05052934-\$ or JP-05026998-\$ or JP-05026997-\$ or JP-04142486-\$ or JP-04058177-\$ or JP-04009783-\$ or JP-03295484-\$ or JP-03293575-\$ or JP-03291585-\$ or JP-03272488-\$ or JP-03172787-\$ or JP-03078676-\$ or JP-03053186-\$ or JP-03029879-\$ or JP-02236481-\$ or JP-02231590-\$).did. or (JP-02198382-\$ or JP-02198380-\$ or JP-02198379-\$ or JP-02198376-\$ or JP-02193086-\$ or JP-02190788-\$ or JP-02183182-\$ or JP-02179489-\$ or JP-02163686-\$ or JP-02161381-\$ or JP-02145981-\$ or JP-02141688-\$ or JP-02120682-\$ or JP-02082184-\$ or JP-02047579-\$ or JP-02036386-\$ or JP-02016484-\$ or JP-02008763-\$ or JP-01308985-\$ or JP-01285000-\$ or JP-01269078-\$ or JP-01240882-\$ or JP-01235880-\$ or JP-01227976-\$ or JP-01221687-\$ or JP-01210887-\$ or JP-01193680-\$).did. or (JP-01145594-\$ or JP-01145590-\$ or JP-01138480-\$ or JP-01118787-\$ or JP-01114771-\$ or JP-01096577-\$ or JP-01086085-\$ or JP-01086084-\$ or JP-01084170-\$ or JP-01084169-\$ or JP-63269078-\$ or JP-63222278-\$ or JP-63196879-\$ or JP-63175789-\$ or JP-63109384-\$ or JP-63045571-\$ or JP-63036176-\$ or JP-63030777-\$ or JP-62281017-\$ or JP-62245170-\$ or JP-62215883-\$ or JP-62172285-\$ or JP-62156586-\$ or JP-62090583-\$ or JP-62088078-\$ or JP-62087377-\$ or	EPO; JPO	OR	ON	2007/02/10 15:15
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## EAST Search History

L27	0	26 and 2 and 3 and 4 and 5 and 8	EPO; JPO	OR	ON	2007/02/10 15:16
L28	1	26 and 2 and 3	EPO; JPO	OR	ON	2007/02/10 15:23
L29	20	26 and 2	EPO; JPO	OR	ON	2007/02/10 15:26
L30	1	((Distance or range) and (angle or angular or azimuthal or direction or directional)) and ((close or short or "near") and (range or distance)) and ((time or phase) and difference) and (correlate\$4 and complex) and (radar or (transmitter and receiver))).clm.	US-PGPUB	OR	ON	2007/02/10 15:27
S1	4	("3518672").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/10 10:20
S2	50	(US-20060114146-\$ or US-20050190951-\$ or US-20060119833-\$ or US-20030052684-\$).did. or (US-5798942-\$ or US-5988515-\$ or US-6012295-\$ or US-4580139-\$ or US-5390133-\$ or US-6724916-\$ or US-7054505-\$ or US-5794173-\$ or US-6239740-\$ or US-5333129-\$ or US-5528037-\$ or US-5489909-\$ or US-5793931-\$ or US-6055523-\$ or US-4435641-\$ or US-4527151-\$ or US-4537370-\$ or US-4576481-\$ or US-4584943-\$ or US-5237171-\$ or US-5248027-\$ or US-5334848-\$ or US-5414643-\$ or US-5459405-\$ or US-5627325-\$ or US-5633593-\$).did. or (US-5710423-\$ or US-5719774-\$ or US-5963653-\$ or US-5974881-\$ or US-5984262-\$ or US-6019496-\$ or US-6052190-\$ or US-6134966-\$ or US-6476610-\$ or US-6841994-\$ or US-6853194-\$ or US-3858203-\$ or US-3822098-\$ or US-4019440-\$ or US-4172664-\$ or US-4258279-\$ or US-4273419-\$ or US-4281427-\$ or US-4300736-\$ or US-4320287-\$).did.	US-PGPUB; USPAT	OR	ON	2007/02/09 13:53
S3	1590942	(Distance or range) same (angle or angular or azimuthal or direction or directional)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/10 10:21

## EAST Search History

S4	1185797	(close or short or "near") same (range or distance)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/10 10:21
S5	818269	(time or phase) same difference	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/10 10:22
S6	13797	correlate\$4 same complex	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/10 10:22
S7	684	S3 and S4 and S5 and S6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/10 10:22

# SEARCH NOTES FOR EAST, IEEE, INSPEC, IP.COM, AND PROQUEST

SERIAL NUMBER

10538731

## EAST SEARCH

EAST: search history attached

Search terms:

## IEEE SEARCH

Sat, 10 Feb 2007, 3:34:26 PM EST

### Recent Search Queries

Results

#1	(((distance or range) and (angle or angular or azimuthal or direction or directional)) and ((close or short or near) and (range or distance)) and ((time or phase) and difference) and ((correlate or correlated or correlating or correlator or correlation) and complex) and (radar or (transmitter and receiver)))<in>metadata)	0
#2	(((Distance or range) and (angle or angular or azimuthal or direction or directional)) and ((close or short or near) and (range or distance)) and ((time or phase) and difference) and ((correlate or correlated or correlating or correlator or correlation) and complex)<IN>metadata)	254

### 1. Estimation of the mean radar reflectivity from a finite number of correlated samples

Fjortoft, R.; Lopes, A.

Geoscience and Remote Sensing, IEEE Transactions on  
Volume 39, Issue 1, Jan 2001 Page(s):196 - 199

## INSPEC SEARCH

Search history:

No.	Database	Search term	Info added since	Results	
CP		[Clipboard]		0	-
1	INZZ	(Distance OR range) SAME (angle OR angular OR azimuthal OR direction OR directional)	unrestricted	95465	<a href="#">show titles</a>
2	INZZ	(close OR short OR 'NEAR') SAME (range OR distance)	unrestricted	170239	<a href="#">show titles</a>
3	INZZ	(time OR phase) SAME difference	unrestricted	79865	<a href="#">show titles</a>
4	INZZ	(correlate OR correlated OR correlating OR correlator OR correlation) SAME complex	unrestricted	12931	<a href="#">show titles</a>
5	INZZ	radar OR transmitter AND receiver	unrestricted	146105	<a href="#">show titles</a>
6	INZZ	1 AND 2 AND 3 AND 4 AND 5	unrestricted	0	-
7	INZZ	1 AND 2 AND 3 AND 4	unrestricted	1	<a href="#">show titles</a>

8	INZZ	1 AND 2 AND 3	unrestricted	336
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## IP.COM SEARCH

**Search** ((Distance or range) same (angle or angular or azimuthal or direction or directional)) and ((close or query: short or near) same (range or distance)) and ((time or phase) same difference) and ((correlate or correlated or correlating or correlator or correlation) same complex) and (radar or (transmitter and receiver))

Result # 1      Relevance: ○○○○○

Time frequency processor for radar imaging of moving targets (USH0001720)

1998-04-07      IPCOM000001698D      English (United States)

Conventional radar uses the Fourier transform to generate a radar target image. Constraints on the use of Fourier methods requiring point scatterers to remain in their range cells and requiring Doppler frequency shifts for point scatterers to be stationary are impractical ...

Result # 2      Relevance: ○○○○○

Approaches to Radar Signal Processing

1983-06-01      IPCOM000131616D      English (United States)

Separating desirable from undesirable signals requires a number of signal processing techniques'. For greater accuracy and resolution, most of today's systems use digital computations. The goal of modern radar signal processing is to improve the accuracy and dependability ...

Result # 3      Relevance: ○○○○○

Anti-jamming system for tracking and surveillance radar (USH0001033)

1992-03-03      IPCOM000001028D      English (United States)

A radar ECCM system for degrading the effect that a standoff noise jammer has on a radar receiving site that is tracking an incoming aerial target. The system effectively removes from the mainlobe of the beam emanating from the site the component of random noise contained in ...

## PROQUEST SEARCH

4 documents found for: (((Distance or range) and (angle or angular or azimuthal or direction or directional))) AND (((close or short ) and (range or distance))) AND (((time or phase) and difference)) AND (((correlate or correlated or correlating or correlator or correlation) and complex))

No relevant documents found.

- Drafts
- Pending
- Active
  - L1: (1840303) transmit\$4 and receive\$4
  - L2: (1590942) (Distance or range) same (angle or angular or azimuthal or direction or directional)
  - L3: (1185797) (close or short or "near") same (range or distance)
  - L4: (818269) (time or phase) same difference
  - L5: (13797) correlate\$4 same complex
  - L6: (684) L2 and L3 and L4 and L5
  - L7: (466) 1 and L6
  - L8: (95506) radar
  - L9: (67) 7 and 8
  - L11: (4) ((STEFAN) near2 (LINDENMEIER)) INV.
  - L12: (8) ((STEFAN) near2 (LINDENMEIER)) INV.
  - L13: (13) ((JOHANN-FRIEDRICH) near2 (LUY)) INV.
  - L14: (27) ((JOHANN-FRIEDRICH) near2 (LUY)) INV.
  - L15: (17) Combined citation search 1
  - L16: (3161) ((342/70-72) or (342/125-128) or (342/133) or (342/139) or (342/146)).CCLS.
  - L17: (1745) 16 and @ad<="20031202"
  - L26: (192) (WO-9404941-\$ or EP-582372-\$ or EP-555586-\$ or WO-9218876-\$ or WO-9209904-\$ or EP-9404941-\$)
  - L27: (10) 26 and 2 and 3 and 4 and 5 and 8
  - L28: (1) 26 and 2 and 3
  - L29: (20) 26 and 2
  - L30: (1) (((Distance or range) and (angle or angular or azimuthal or direction or directional)) a ..
- Failed
  - (((Distance or range) and (angle or angular or azimuthal or direction or directional)) and ((clos...
- Saved
  - S1: (4) ('3518672').PN.
  - S2: (50) (US-20060114146-\$ or US-20050190951-\$ or US-20060119833-\$ or US-20030052684-\$).did. or (
  - S3: (1590942) (Distance or range) same (angle or angular or azimuthal or direction or directional)
  - S4: (1185797) (close or short or "near") same (range or distance)
  - S7: (684) S3 and S4 and S5 and S6
  - S5: (818269) (time or phase) same difference
  - S6: (13797) correlate\$4 same complex
- Favorites
- Tagged (8)

<input type="button" value="List"/> <input type="button" value="Browse"/> <input type="button" value="Clear"/>	<input type="button" value="DBs"/>	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO, DERWENT, IBM_TDB
Default operator: OR		<input checked="" type="checkbox"/> Highlight all hit terms initially
<div> <div>342/70-72</div> <div>342/125-128</div> <div>342/133</div> <div>342/139</div> <div>342/146</div> </div>		
<div> <div>Structured form</div> <div>Custom form</div> <div>BRS form</div> <div>IS&amp;R form</div> <div> <input checked="" type="radio"/> Hits           <input type="radio"/> Details           <input type="radio"/> Image           <input type="radio"/> Text           <input type="radio"/> HTML         </div> </div>		

[illegible]

	Search Terms	Total	USPAT	US-PGP INT	EPO	JPO	Derwa
1	342/125	490					
2	342/126	236					
3	342/127	358					
4	342/128	635					
5	342/133	178					
6	342/139	231					
7	342/146	313					
8	342/70	1117					
9	342/71	428					

No text available to display





- ❏ L2: (1590942) (Distance or range) same (angle or angular or azimuthal or direction or directional)
- ❏ L3: (1185797) (close or short or "near") same (range or distance)
- ❏ L4: (818269) (time or phase) same difference
- ❏ L5: (13797) correlate\$4 same complex
- ❏ L6: (684) L2 and L3 and L4 and L5
- ❏ L7: (466) 1 and L6
- ❏ L8: (95506) radar
- ❏ L9: (67) 7 and 8
- ❏ L11: (4) ((STEFAN) near2 (LINDENMEIER)). INV.
- ❏ L12: (8) ((STEFAN) near2 (LINDENMEIER)). INV.
- ❏ L13: (13) ((JOHANN-FRIEDRICH) near2 (LUY)). INV.
- ❏ L14: (27) ((JOHANN-FRIEDRICH) near2 (LUY)). INV.
- ❏ L15: (17) Combined citation search 1
- ❏ L16: (3161) ((342/70-72) or (342/125-128) or (342/133) or (342/139) or (342/146)). CCLS.
- ❏ L17: (1745) 16 and @ad<="20031202"
- ❏ L26: (192) (WO-9404941-\$ or EP-582372-\$ or EP-555586-\$ or WO-9218876-\$ or WO-9209904-\$ or EP-4
- ❏ L27: (0) 26 and 2 and 3 and 4 and 5 and 8
- ❏ L28: (1) 26 and 2 and 3
- ❏ L29: (20) 26 and 2
- ❏ L30: (1) (((Distance or range) and (angle or angular or azimuthal or direction or directional)) a...
- ❏ Failed
- ❏ Saved
- ❏ S1: (4) ("3518672").PN.
- ❏ S2: (50) (US-20060114146-\$ or US-20050190951-\$ or US-20060119833-\$ or US-20030052684-\$). did. or (
- ❏ S3: (1590942) (Distance or range) same (angle or angular or azimuthal or direction or directional)
- ❏ S4: (1185797) (close or short or "near") same (range or distance)
- ❏ S7: (684) S3 and S4 and S5 and S6
- ❏ S5: (818269) (time or phase) same difference
- ❏ S6: (13797) correlate\$4 same complex
- 🔖 Favorites
- 🔖 Tagged (8)

Default operator: **OR**

☒ Highlight all hit terms initially

(((Distance or range) and (angle or angular or azimuthal or direction or directional)) and ((close or short or "near") and (range or distance)) and ((time or phase) and difference) and (correlate and complex) and (radar or (transmitter and receiver))) cfm

Structured form Custom form BRS form IS&R form Hits Details Image Text HTML

		Document I	Issue Da	Pages	Title	Inventor	Current O
1		US 2003020	2003103	45	All-weather energy and wa	Kaploun, So	290/54

	Search Terms	Total	USPAT	US-PGP	EPO	JPO	Derwa
1	ANGLE	313732					
2	ANGLES	121403					
3	ANGULAR	84049					
4	ANGULARS	2					
5	AZIMUTHAL	3639					
6	AZIMUTHALS	0					
7	CLOSE	378495					
8	CLOSES	58122					
9	COMPLEX	311700					

PGPUB-DOCUMENT- 20030201646  
NUMBER:  
PGPUB-FILING-TYPE: new  
DOCUMENT- US 20030201646 A1  
IDENTIFIER:  
TITLE: All-weather energy and water  
production via steam-enhanced vortex  
tower  
PUBLICATION-DATE: October 30, 2003